

What Is Claimed Is:

1. A device for supplying an ignition current from an energy reserve (ER) to at least one ignition power module,
wherein a voltage regulator is connected between the energy reserve (ER) and the at least one ignition power module such that the voltage regulator sets a voltage at the at least one ignition power module at a predetermined level.
2. The device as recited in Claim 1,
wherein the voltage regulator is disconnectable and allows an electric current to be supplied to the at least one ignition power module as a function of an external (microcontroller) signal.
3. The device as recited in Claim 2,
wherein a diagnosis (104) is provided for the safety semiconductor.
4. The device as recited in Claim 2 or 3,
wherein the safety semiconductor (102) has at least one power transistor.
5. The device as recited in one of the preceding claims,
wherein at least one current source (101) is assigned to the voltage regulator for diagnosis of the at least one ignition power module.
6. The device as recited in one of the preceding claims,
wherein a polarity reversal protection diode (109) is provided between the energy reserve (ER) and the voltage regulator.